Sheet I of 11 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE 19603/3296 (CRF D-2098B) To Be Assigned INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT Bogdanove et al. (use several sheets if necessary) FILING DATE GROUP ART UNIT

U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
gyste	1	5,552,527	09/03/1996	Godiard et al.	530	379	
	2	5,550,228	08/27/1996	Godiard et al.	800	298	
	3	5,523,311	06/04/1996	Schurter et al.	514	361	
	4	5,494,684	02/27/1996	Cohen	424	523	
	5	5,348,743	09/20/1994	Ryals et al.	424	94.61	
	6	5,260,271	11/09/1993	Blackburn et al.	514	2	
	7	5,244,658	09/14/1993	Parke	504	119	
	8	5,243,038	09/07/1993	Ferrari et al.	536	23.1	
	9	5,217,950	06/08/1993	Blackburn et al.	514	2	
y	10	5,173,403	12/22/1992	Tang	435	6	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI ON IF APPRO- PRIATE
(CON	11	WO 95/19443	07/20/95	PCT			
10	12	WO 94/01546	01/20/94	PCT	1	-7	
V	13	WO 94/26782	11/24/94	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

h .	14	Collmer et al., "Erwinia chyrsanthemi and Pseudomonas syringae: Plant Pathogens Trafficking in Extracellular Virulence Proteins,"			
(6)		pp. 43-78			
Die	15	Frederick et al., "The WTS Water-Soaking Genes of Erwinia stewartii are Related to hrp Genes,"			
i XQ	_	Seventh International Symposium on Molecular Plant Microbe Interactions, Abstract No. 191 (June 1994)			
,	16	Wei et al., "Proteinaceous Elicitors of the Hypersensitive Response from Xanthomonas campestris pv. glycines,"			
0		Seventh International Symposium on Molecular Plant Microbe Interactions, Abstract No. 244 (June 1994)			
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	17	Preston et al., "The HrpZ Proteins of Pseudomonas syringae pvs. syringae, glycinea, and tomato are Encoded by an Operon			
X		Containing Yersinia ysc Homologs and Elicit the Hypersensitive Response in Tomato but not Soybean,"			
		Mol. Plant-Microbe Interact., 8(5):717-32 (1995)			
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

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	18	5,135,910	08/04/1992	Blackburn et al.	514	2	
	19	5,061,490	10/29/1991	Paau et al.	424	93,47	
	20	5,057,422	10/15/1991	Bol et al.	800	298	
,,	21	4,931,581	06/05/1990	Schurter et al.	560	18	
	22	4,886,825	12/12/1989	Ruess et al.	514	383	
	23	4,851,223	07/25/1989	Sampson	424	711	
	24	4,740,593	04/26/1988	Gonzalez et al.	422	1	
	25	4,601,842	07/22/1986	Caple et al.	252	70	
	26	4,597,972	07/01/1986	Taylor	426	36	
	27	4,569,841	02/11/1986	Liu	424	93.4	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI ON IF APPRO- PRIATE
				()	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

) ₄ m	28	Bauer et al., "Erwinia chrysanthemi hrp Genes and their Involvement in Elicitation of the Hypersensitive Response		
747		in Tobacco," Sixth International Symposium on Molecular Plant Microbe Interactions, Abstract No. 146 (July 1992)		
la .	29	Stryer, L., "Enzymes are Highly Specific," <u>Biochemistry</u> , San Francisco: W.H. Freeman and Company, p. 116 (1975)		
4		Keen et al., "Inhibition of the Hypersensitive Reaction of Soybean Leaves to Incompatible <i>Pseudomonas</i> spp. by Blasticidin S,		
11		Streptomycin or Elevated Temperature," Physiological Plant Pathology, 18:325-37 (1981)		
	31	Lerner, R.A., "Tapping the Immunological Repertoire to Produce Antibodies of Predetermined Specificity," Nature,		
		299:592-96 (1982)		
h	32	Staskawicz et al., "Cloned Avirulence Gene of Pseudomonas Syringae pv. glycinea Determines Race-specific Incompatibility		
7		on Glycine max (L.) Merr.," Proc. Natl. Acad. Sci. USA, 81:6024-28 (1984)		
XAMINER'	rely (E By D DATE CONSIDERED 3 DOOL		

		Sheet 3 of 11
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
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] , '	1 '	33	Bauer et al., "Erwinia chrysanthemi Harpin _{Ech} : An Elicitor of the Hypersensitive Response that Contributes to Soft-Rot
Ho!	1 '		Pathogenesis," MPMI, 8(4):484-91 (1995)
1		34	Huang et al., "Characterization of the hrp Cluster from Pseudomonas syringae pv. syringae 61 and TnphoA Tagging of Genes
. []	1		Encoding Exported or Membrane-Spanning Hrp Proteins," Molec, Plant-Microbe Interact., 4(5):469-76 (1991)
		35	Huang et al., "The Pseudomonas syringae pv. syringae 61 hrpH Product, an Envelope Protein Required for Elicitation of the
	1!	_	Hypersensitive Response in Plants," J. Bacteriol., 174(21):6878-85 (1992)
	$\overline{\Box}$	36	Bonas, U., "hrp Genes of Phytopathogenic Bacteria," Current Topics in Microbio., 192:79-98 (1994)
	i!		
	$\overline{1}$	37	Arlat et al., "PopA1, A Protein Which Induces a Hypersensitivity-Like Response on Specific Protein Petunia Genotypes, is Secreted
	(via the Hrp Pathway of Pseudomonas solanacearum," The EMBO J., 13(3):543-53 (1994)
	1	38	Kessmann et al., "Induction of Systemic Acquired Disease Resistance in Plants By Chemicals," Ann. Rev. Phytopathol., 32:439-59
		l'	(1994)
-		39	Kelman, A., "The Relationship of Pathogenicity in Pseudomonas solanacearum To Colony Appearance on a Tetrazolium Medium,"
		L'	Phytopathology, 44:693-95 (1954)
		40	Winstead et al., "Inoculation Techniques For Evaluating Resistance to Pseudomonas solanacearum," Phytopathology,
		!	42:628-34 (1952)
	,	41	Ahl et al., "Iron Bound-Siderophores, Cyanic Acid, and Antibiotics Involved in Suppression of Thielaviopsis basiocola by a
		L!	Pseudomonas fluorescens Strain," J. Phytopathology, 116:121-34 (1986)
1	.	42	Anderson et al., "Responses of Bean to Root Colonization with Pseudomonas putida in a Hydroponic System," Phytopathology,
			75(9):992-95 (1985)
	,	43	Gardner et al., "Growth Promotion and Inhibition by Antibiotic-Producing Fluorescent Pseudomonads on Citrus Roots,"
			Plant and Soil, 77:103-13 (1984)
1/		44	Kloepper, J.W., "Effect of Seed Piece Inoculation with Plant Growth-Promoting Rhizobacteria on Populations of Erwinia carotovora
			on Potato Roots and In Daughter Tubers," Phytopathology, 73(2):217-19 (1983)
		45	Atkinson et al., "The Hypersensitive Reaction of Tobacco to Pseudomonas syringae pv. pisi," Plant Physiol., 79:843-47 (1985)
4		46	Huynh et al., "Bacterial Blight of Soybean: Regulation of a Pathogen Gene Determining Host Cultivar Specificity," Science,
			245:1374-77 (1986)
V		47	Kloepper et al., "Plant Growth-Promoting Rhizobacteria on Canola (Rapeseed)," Plant Disease, 72(1):42-6 (1988)
EXAMIN	ŒR		DATE CONSIDERED
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		Bogdanove et al.		
	(use several sheets if necessary)	FILING DATE	GROUP ART UNIT	
	(PTO-1449)	Herewith	To Be Assigned	

1	4	Kloepper et al., "Enhanced Plant Growth by Siderophores Produced by Plant Growth-Promoting Rhizobacteria," Nature,				
110	<u> </u>	286:885-86 (1980)	_			
Ψ	4	Kloepper et al., "Pseudomonas Siderophores: A Mechanism Explaining Disease-Suppressive Soils," Current Microbiology,				
		4:317-20 (1980)	_			
	5	Kloepper et al., "Emergence-Promoting Rhizobacteria: Description and Implications for Agriculture," In:				
		Iron, Siderophores, and Plant Disease, Swinborne (ed), Plenum, NY, 155-64 (1986)				
	5	Kloepper et al., "Relationships of in vitro Antibiosis of Plant Growth-Promoting Rhizobacteria to Plant Growth and the				
	<u> </u>	Displacement of Root Microflora," Phytopathology, 71(10):1020-24 (1981)	Displacement of Root Microflora," Phytopathology, 71(10):1020-24 (1981)			
	5	Kloepper et al., "Effects of Rhizosphere Colonization by Plant Growth-Promoting Rhizobacteria on Potato Plant Development and	_			
		Yield," Phytopathology, 70(11):1078-82 (1980)	_			
	5	The Kinzospiere and Train Glowin, 2				
		315-32, Keister et al. (cds), pp. 315-26 (1991) Kluwer Academic tublishers (Netherlands	_			
k i	5					
		Conditions," <u>Microbiol.</u> 33:390-95 (1987)				
<u> </u>	5	Liu et al., "Induction of Systemic Resistance in Cucumber Against Bacterial Angular Leaf Spot by Plant Growth-Promoting				
		Rhizobacteria," Phytopathology, 85(8):843-47 (1995)				
}	5	Loper et al., "Influence of Bacterial Sources of Indole-3-acetic Acid on Root Elongation of Sugar Beet,"				
		Phytopathology, 76(4):386-89 (1986)				
	5	Schroth et al., "Disease-Suppressive Soil and Root-Colonizing Bacteria," Science, 216:1376-81 (1982)				
	58	Stutz et al., "Naturally Occurring Fluorescent Pseudomonads Involved Suppression of Black Root Rot of Tobacco,"				
		Phytopathology, 76(2):181-85 (1986)				
	59	Lindgren et al., "Gene Cluster of Pseudomonas Syringae pv. "phaseolicola" Controls Pathogenicity of Bean Plants and				
	ļ	Hypersensitivity on Nonhost Plants," <u>J. Bacteriol.</u> , 168(2):512-22 (1986)				
	60	Bauer et al., "Cloning of a Gene from Erwinia Amylovora Involved in Induction of Hypersensitivity and Pathogenicity," Plant				
		Pathogenic Bacteria, Proceedings of the Sixth International Conference on Plant Pathogenic Bacteria, Maryland, pp. 425-29 (1987)				
	61	Wei et al., "Induction of Systemic Resistance of Cucumber to Colletotrichum orbiculare by Select Strains of Plant				
1/2		Growth-Promoting Rhizobacteria," Phytopathology, 81:1508-12 (1991)				
V	62	Wei et al., "Induction of Systemic Resistance with Seed Treatment by PGPR Strains," pgs. 191-194				
EXAMI	VER \	DATE CONSIDERED 3/2002				
4	12 m	3/2002				

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(PTO-1449)	Herewith	To Re Assigned

\square	10					
(<i>)</i>		63	Weller, D.M., "Biological Control of Soilborne Plant Pathogens in the Rhizosphere with Bacteria," Ann. Rev. Phytopathol.,			
LXX'	PF	↓	26:379-407 (1988)			
	∤	64	Young et al., "PGPR: Is There a Relationship Between Plant Growth Regulators and the Stimulation of Plant Growth or			
	<u> </u>	 '	Biological Activity?," pgs. 182-186			
[65	Wei et al., "Induced Systemic Resistance by Select Plant Growth-Promoting Rhizobacteria Against Bacterial Wilt of			
		⊥'	Cucumber and the Beetle Vectors," Phytopathology, 86:1154, Abstract No. 313 (1995)			
		66	Wieringa-Brants et al., "Induced Resistance in Hypersensitive Tobacco Against Tobacco Mosaic Virus by Injection of			
	<u> </u>	<u> '</u>	Intercellular Fluid from Tobacco Plants with Systemic Acquired Resistance, Phytopathology, 118:165-70 (1987)			
	1	67	Malamy et al., "Salicylic Acid: A Likely Endogenous Signal in the Resistance Response of Tobacco to Viral Infection,"			
'		<u> </u>	<u>Science</u> , 250:1002-04 (1990)			
\	1	68	Dean et al., "Immunisation Against Disease: The Plant Fights Back," pgs. 383-411			
	<u> </u>					
	/ i	69	Cameron et al., "Biologically Induced Systemic Acquired Resistance in Arabidopsis thaliana," The Plant Journal,			
			5(5):715-25 (1994)			
		70	Laby et al., "Structural and Functional Analysis of Erwinia amylovora Harpin, An Elicitor of the Plant Hypersensitive			
			Response," Phytopathology, 84:345 (1994)			
		71	Van Gijsegem et al., "Evolutionary Conservation of Pathogenicity Determinants Among Plant and Animal			
			Pathogenic Bacteria," Trends Michroiol., 1:175-80 (1993)			
. []	}	72	Kamoun, et al., "Extracellular Protein Elicitors from Phytophthora: Host-Specificity and Induction of Resistance to Bacterial and			
		<u> </u>	Fungal Phytopathogens," Molecular Plant-Microbe Interactions, 6(1):15-25 (1993)			
		73	Baillieul, et al., "A New Elicitor of the Hypersensitive Response in Tobacco: A Fungal Glycoprotein Elicits Cell Death, Expression of			
			Defense Genes, Production of Salicylic Acid, and Induction of Systemic Acquired Resistance," The Plant Journal, 8(4):551-60 (1995)			
11		74	Collinge et al., "Plant Gene Expression in Response to Pathogens," <u>Plant Molecular Biology</u> , 9:389-410 (1987)			
-++		75	Shatzman et al. "Expression Identification and Characterization of Beautification of State of			
7]		,	Shatzman et al., "Expression, Identification, and Characterization of Recombinant Gene Products in <i>Escherichia coli</i> ," Methods in Enzymology, 152:661-73 (1987)			
+		76				
11			Tenhaken, et al., "Function of the Oxidative Burst in Hypersensitive Disease Resistance," <u>Proc. Natl. Acad. Sci. USA</u> , 92:4158-63 (1995)			
+	+					
V	1		Bonnet, et al., "Induction de nécroses foliaires, de protéines b et de résistance dans les interactions tabac <i>Phytophthora</i> ," <u>Agronomie</u> ,			
EXAMIN			6(9):829-37 (1986)			
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	-() V-		S/2002			
EXAMIN	ER: Initi-	al if cita	ation considered, whether or not citation is in conformance with MPEP 6.9: Draw line through citation if not in conformance and not			

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•	FILING DATE	GROUP ART UNIT
(PTO-1449)	Herewith	To Be Assigned

	T	$\overline{}$	
120		78	Gallitelli, et al., "Satellite-Mediated Protection of Tomato Against Cucumber Mosaic Virus: II. Field Test Under Natural Epidemic
UX	<u> </u>	<u> </u>	Conditions in Southern Italy," <u>Plant Disease</u> , 75(1):93-5 (1991)
		79	Kang et al., "Control of Tomato Mosaic Disease by Interference of an Attenuated Virus," Res. Rept. RDA (Hort.),
	<u> </u>	<u> </u>	27(1):17-26 (1985)
4		80	Montasser, et al., "Satellite-Mediated Protection of Tomato Against Cucumber Mosaic Virus: I. Greenhouse Experiments and
		L_	Simulated Epidemic Conditions in the Field," Plant Disease, 75(1):86-92 (1991)
		18	Marks, R.J., "Varietal Resistance to Potato Cyst Nematode," Aertcultural Butomblogy pp. 63-67 (1979) Ann. Reart. or
			Research & Technical Work of the Dept. Agriculture for Northern Ireland
		82	Walton, et al., "Host-Selective Toxins and Disease Specificity: Perspectives and Progress," Annu. Rev. Phytopathol.,
			31:275-303 (1993)
		83	Atkinson, M.M., "Molecular Mechanisms of Pathogen Recognition by Plants," Advances in Plant Pathology, 10:36-64 (1993)
		L	
		84	Godiard, et al., "Differential Regulation in Tobacco Cell Suspensions of Genes Involved in Plant-Bacteria Interactions by Pathogen-
- 1			Related Signals," Plant Molecular Biology, 17:409-13 (1991)
		85	Ricci, et al., "Structure and Activity of Proteins from Pathogenic Fungi Phytophthora Eliciting Necrosis and Acquired Resistance
			in Tobacco," <u>Fur. J. Biochem.</u> , 183:555-63 (1989)
} }		86	Lakhmatova, I.T., "Induction of Plant Resistance to Viral Diseases: Application of Vaccination," Sel'skokhozyaistvennaya Biologiya,
			Biologiya 3:39-51 (1991)
		87	Biologicheskii Zhurnal Armenii, 31(3):305-09 (1978) Vlasov et al. Reaction of tomat a Novleties
			Biologicheskii Zhurnal Armenii, 31(3):305-09 (1978) Vlasov et al. Reaction of tomat o Varleties to the Vaccination with weak strains of tabacco (sic) mosaic vivus
		88	Lakhmatova, I.T., "Using Biologically Active Substances to Induced Plant Resistance to Viruses Immunization,"
			Sel'skokhozyaistvennaya Biologiya, 3:13-22 (1992)
4		89	Shields, R., "Towards Insect-Resistant Plants," Nature, 328:12-13 (1987)
$-\bot$			
↓		90	Huang et al., "Molecular Cloning of a Pseudomonas syringae pv. syringae Gene Cluster That Enables Pseudomonas fluorescens
			To Elicit the Hypersensitive Response in Tobacco Plants," J. Bacteriol., 170(10):4748-56 (1988)
		91	Ricci, et al., "Differential Production of Parasiticein, an Elicitor of Necrosis and Resistance in Tobacco, by Isolates of Phytophthora
			parasitica," Plant Pathology, 41:298-307 (1992)
\mathcal{J}		92	Honée, et al., "Molecular Characterization of the Interaction Between the Fungal Pathogen Cladosporium fulvum and Tomato,"
			Advances in Molecular Genetics of Plant-Microbe Interactions, 3:199-206 (1994)
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(1.10.1447)	Herewith	To Be Assigned

	93	Valley and 100
M	93	Keller, et al., "Responses of Tobacco to Elicitins, Proteins From Phytophthora Spp. Eliciting Acquired Resistance."
451	_	Advances in Molecular Genetics of Plant-Microbe Interactions, 3:327-32 (1994)
Τl	94	Keen, et al., "Bacteria Expressing Avirulence Gene D Produce a Specific Elicitor of the Soybean Hypersensitive Reaction,"
		Molecular Plant-Microbe Interactions, 3(2):112-21 (1990)
- []	95	Bauer, et al., "Erwinia chrysanthemi hrp Genes and Their Involvement in Soft Rot Pathogenesis and Elicitation of the Hypersensitive
$+\!\!\!\!+\!\!\!\!\!-$		Response," <u>MPMI</u> , 7(5):573-81 (1994)
	96	Schottens-Toma et al., "Purification and Primary Structure of a Necrosis-inducing Peptide from the Apoplastic Fluids of Tomato
	_	Infected with Cladosporium fulvum (syn. Fulvia fulva)," Physiological and Molecular Plant Pathology, 33:59-67 (1988)
	97	Steinberger et al., "Creation and Complementation of Pathogenicity Mutants of Erwinia amylovora," Molecular Plant-Microbe
-		Interactions, 1(3):135-44 (1988)
	98	Beer et al., "The Hypersensitive Response is Elicited by Escherichia coli Containing a Cluster of Pathogenicity Genes
		from Erwinia amylovora." Phytopathology, 79(10):1156 (Abstract 169) (1989)
	99	Hiatt et al., "Production of Antibodies in Transgenic Plants," Nature, 342:76-8 (1989)
	100	Hippe et al., "In Situ Localization of a Foreign Protein in Transgenic Plants by Immunoelectron Microscopy Following High Pressure
	l	Freezing. Freeze Substitution and Low Temperature Embedding," European Journal of Cell Biology, 50:230-34(1989)
	101	Huang et al., "Isolation and Purification of a Factor from <i>Pseudomonas solanacearum</i> That Induces a Hypersensitive-like
		Response in Potato Cells," Molecular Plant-Microbe Interactions, 2(3):132-38 (1989)
	102	James et al., "Genetic Transformation of Apple (Malus pumila Mill.) Using a Disarmed Ti-binary Vector," Plant Cell Reports,
		7:658-61 (1989)
	103	Laby et al., "Cloning and Preliminary Characterization of an hrp Gene Cluster of Erwinia amylovora," Phytopathology,
		79(10):1211 (Abstract 607) (1989)
11	104	Dow et al., "Extracellular Proteases from Xanthomonas campestris pv. Campestris, the Black Rot Pathogen," Applied and
		Environmental Microbiology, 56(10):2994-98 (1990)
	105	
		Walters et al., "Gene for Pathogenicity and Ability to Cause the Hypersensitive Reaction Cloned from <i>Erwinia amylovora</i> ," Physiological and Molecular Plant Pathology, 36:509-21 (1990)
++-	106	
		Wu et al., "Cloning, Genetic Organization, and Characterization of a Structural Gene Encoding Bacillopeptidase F from
+.+-	107	Bacillus subtilis," The Journal of Biological Chemistry, 265(12):6845-50 (1990)
1 V	107	Bauer et al., "Further Characterization of an hrp Gene Cluster of Erwinia amylovora," Molecular Plant-Microbe Interactions,
(AND LESS		4(5):493-99 (1991)
CAMINER	60	DATE CONSIDERED
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		Bogdanove et al.	
	(use several sheets if necessary)	FILING DATE	GROUP ART UNIT
	(PTO-1449)	Herewith	To Be Assigned

No /	108	Beer et al., "The hrp Gene Cluster of Erwinia amylovora," Advances in Molecular Genetics of Plant-Microbe Interactions,
		1:53-60 (1991)
	109	Benvenuto et al., "'Phytoantibodies': A General Vector for the Expression of Immunoglobulin Domains in Transgenic Plants,"
		Plant Molecular Biology, 17:865-74 (1991)
	110	Milat et al., "Physiological and Structural Changes in Tobacco Leaves Treated with Cryptogein, a Proteinaceous Elicitor
ļ		from Phytophthora cryptogea," Phytopathology, 81(11):1364-68 (1991)
	111	Ruberti et al., "A Novel Class of Plant Proteins Containing a Homeodomain with a Closely Linked Leucine Zipper Motif,"
		<u>The EMBO Journal</u> , 10(7):1787-91 (1991)
	112	Quigley et al., "Nucleotide Sequence and Expression of a Novel Glycine-Rich Protein Gene from Arabidopsis thaliana,"
	•	Plant Molecular Biology, 17:949-52 (1991)
İ	113	van Kan et al., "Cloning and Characterization of cDNA of Avirulence Gene avr9 of the Fungal Pathogen Cladosporium
	<u></u>	fulvum, Causal Agent of Tomato Leaf Mold," Molecular Plant-Microbe Interactions, 4(1):52-9 (1991)
	114	Waldmann, T.A., "Monoclonal Antibodies in Diagnosis and Therapy," <u>Science</u> , 252:1657-62 (1991)
	115	Willis et al., "hrp Genes of Phytopathogenic Bacteria," Molecular Plant-Microbe Interactions, 4:(2) 132-38 (1991)
	116	Beer et al., "Are Harpins Universal Elicitors of the Hypersensitive Response of Phytopathogenic Bacteria?,"
1	ļ	Advances in Molecular Genetics of Plant-Microbe Interactions, 2:281-86 (1992)
	117	Laby et al., "Hybridization and Functional Complementation of the hrp Gene Cluster from Erwinia amylovora Strain Ea321
		with DNA of Other Bacteria," Molecular Plant-Microbe Interactions, 5(5):412-19 (1992)
	118	Sandhu, "Protein Engineering of Antibodies," <u>Crit. Rev. in Biotech.</u> , 12(5/6):437-62 (1992)
	119	Wei et al., "Harpin, Elicitor of the Hypersensitive Response Produced by the Plant Pathogen Erwinia amylovora,"
V		<u>Science</u> , 257:85-8 (1992)
	120	He et al., "Pseudomorias springae pv syringae Harpings" A Protein that is Secreted via the Hrp Pathway and Elicits the Hypersensitive
		Response in Phants," Cell, 73: 1255-66 (1993)
A	121	Bonas, U., "Bacterial Home Goal by Harpins," <u>Trends in Microbiology</u> , 2:1-2 (1994)
$\forall \forall$	122	Boccara, et al., "Plant Defense Elicitor Protein Produced by Erwinia chrysanthemi," Mechanisms of Plant Defense Responses,
\sim	1	pg. 166 (1993) Inty stal (ads) Nother and Kleiner Academin Fillies
)	<u> </u>	1 Carl Till the state of the st

		Sheet 9 of 11	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.	
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STATEMENT BY APPLICANT	APPLICANT		
(use several sheets if necessary)	Bogdanove et al.		
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
740	123	5,708,139	01/13/98	Collmer et al.	530	350	
	124	5,650,387	07/22/97	Wei et al.	IKTRAN	NERON	USPT

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI ON IF APPRO- PRIATE
450	125	WO 96/39802	12/19/96	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

г 			
11/b		126	Qui et al., "Treatment of Tomato Seed with Harpin Enhances Germination and Growth and Induces Resistance to
A.	ļ		Ralstonia solanacearum," Phytopathology, 87:6, S80 (1997)
[127	Burr et al., "Increased Potato Yields by Treatment of Seedpieces with Specific Strains of Pseudomonas Fluorescens
	<u> </u>		and P. putida," Phytopathology, 68:1377-1383 (1978).
		128	Ricci et al., "Proteinaceous Elicitors of Plant Defense Responses," B. Fritig eds., Mechanisms of Plant Defense Responses,
			Netherlands, pp. 121-130 (1993). Kluwer Academic Press
		129	Keen et al., "Syringolide Elicitors Specified By Avirulence Gene D Alleles In Pseudomonas syringae," Advances in
			Molecular Genetics of Plant-Microbe Interactions, 3:41-48 (1994).
	ł	130	Klessig et al., "The Salicylic Acid Signal In Plants," Plant Molecular Biology, 26:1439-1458 (1994).
		131	Bogdanove et al., "Unified Nomenclature For Broadly Conserved hrp Genes of Phytopathogenic Bacteria," Molecular
9			Microbiology, 20(3):681-683 (1996).
		132	Bonnet et al., "Acquired Resistance Triggered By Elicitins In Tobacco and Other Plants," European Journal of Plant
			Pathology, 102:181-192 (1996).
		133	Cui et al., "The RsmA Mutants of Erwinia carotovora subsp. carotovora Strain Ecc71 Overexpress hrpN _{Ecc} and Elicit a
			Hypersensitive Reaction-like Response in Tobacco Leaves," Molecular Plant-Microbe Interactions, 9(7):565-573 (1996).
		134	Gopalan et al., "Bacterial Genes Involved in the Elicitation of Hypersensitive Response and Pathogenesis," Plant Disease,
М		j	80(6):604-610 (1996).
EXAMI	NER 1	h	DATE CONSIDERED
	17-1	1//	×\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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Sheet 10 of 11 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. PATENT AND TRADEMARK OFFICE 19603/3296 (CRF D-2098B) To Be Assigned INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT Bogdanove et al. (use several sheets if necessary) FILING DATE **GROUP ART UNIT** (PTO-1449) Herewith To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
W	135	5,850,015	12/15/98	Bauer et al.	800	279	
L PROS	136	6,001,959	12/14/99	Bauer et al.	530	300	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI ON IF APPRO- PRIATE
LA P	137	WO 99/07206	02/18/99	WIPO			
U	138	WO 99/07207	02/18/99	WIPO			
	139	WO 98/54214	12/03/98	WIPO			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

۸.۱	140	Hoffland et al., "Comparison of Systemic Resistance Induced by Avirulent and Nonpathogenic Pseudomonas Species,"					
WP	_	Phytopathology, 86(7):757-762 (1996).					
	141	Ryals et al., "Systemic Acquired Resistance," The Plant Cell, 8:1809-1819 (1996).					
	142	Wei et al., "Induced Systemic Resistance to Cucumber Dieseases and Increased Plant Growth by Plant Growth-Promoting					
Ш		Rhizobacteria Under Field Conditions," Phytopathology, 86:221-224 (1996).					
	143	Wengelnik et al., "Expression and Localization of HrpA1, a Protein of Xanthomonas campestris pv. vesicatoria Essential for					
		Pathogenicity and Induction of the Hypersensitive Reaction," <u>Journal of Bacteriology</u> , 178:1061-1069 (1996).					
	144	Inbar et al., "Elicitors of Plant Defensive Systems Reduce Insect Densities and Disease Incidence," Journal of Chemical					
		Ecology, 24(1):135-149 (1998).					
,],	145	Jin et al., "A Truncated Fragment of Harpin _{Pss} Induces Systemic Resistance To Xanthomonas campetris pv. oryzae					
M		In Rice," Physiological and Molecular Plant Pathology, 51:243-257 (1997).					
0/2	146	Linthorst et al., "Constitutive Expression of Pathogenesis-Related Proteins PR-1, GRP, and PR-S in Tobacco Has No Effect					
		on Virus Infection," The Plant Cell 1:285-291 (1989)					
11	Lorang et al., "Characterization of avrE from Pseudomonas syringae pv. Tomato: A hrp-Linked Avirulen						
V	Of at Least Two Transcriptional Units," MPMI 8(1):49-57 (1995)						
CAMINER		DATE CONSIDERED /					
1/	CAKI	3/2002					

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 69; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Bogdanove et al.				
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI ON IF APPRO- PRIATE
//10	148	WO 98/37752	09/03/1998	WIPO		~	
ALX	149	WO 98/32844	07/30/98	WIPO			
294	150	WO 98/24297	06/11/98	WIPO			
9491	151	WO 98/15547	04/16/98	WIPO			
Do.	152	WO 93/23532	11/25/93	WIPO	7		
190	153	EP 0 612 848 A3	08/31/94	Europe	~		
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

0.100	154	Alfano et al., "Analysis of the Role of the Pseudomonas Syringae pv. Syringae HrpZ Harpin in Elicitation of the Hypersensitive					
909		Response in Tobacco Using Functionally Non-Polar hrpZ Deletion Mutations, Truncated HrpZ Fragments, and hrmA Mutations,"					
		Molecular Microbiology, 19(4):715-728 (1996)					
	155	Malamy et al., Salicylic Acid and Plant Disease Resistance," The Plant Journal, 2(5):643-654 (1992)					
	156	McGurl et al., "Structure, Expression, and Antisense Inhibition of the Systemin Precursor Gene," Science, 255:1570-1573					
		(1992)					
	157	Schulte et al., "Expression of the Xanthomonas campestris pv. Vesicatoria hrp Gene Cluster, Which Determines Pathogenicity					
		and Hypersensitivity on Pepper and Tomato, Is Plant Inducible," <u>Journal of Bacteriology</u> , 174:815-823 (1992)					
	158	Wu et al., "Disease Resistance Conferred by Expression of a Gene Encoding H ₂ O ₂ -Generating Glucose Oxidase in Transgenic					
	4 1 2	Potato Plants," The Plant Cell, 7:1357-1368 (1995)					
	159	Yu, "Elicitins from <i>Phytophthora</i> and Basic Resistance in Tobacco," <u>Proc. Natl. Acad. Sci. USA</u> , 92:4088-4094 (1995)					
1	160	Nissinen et al., "Clavibacter Michiganensis Subsp. Sepedonicus Elicits a Hypersensitive Response in Tobacco and Secretes					
		Hypersensitive Response-Inducing Protein," Phytopathology, 87:678-684 (1997) (Abstract only)					
EXAMINER	2 kes	DATE CONSIDERED					
		1 100					

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 6.9; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.